

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 266 | electrode near10 (low adj reflect\$8) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/03 12:25 |
| S2 | 31 | (electrode near10 (low adj reflect\$8)) and (black adj (matrix mask)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/03 11:51 |
| S3 | 46 | (electrode near10 (low adj reflect\$8)) and ((black adj (matrix mask))(light adj (shield\$4 shade))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/03 11:56 |
| S4 | 8 | (electrode near10 (low adj reflect\$8)) and (no adj((black adj (matrix mask))(light adj (shield\$4 shade)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/03 11:56 |
| S5 | 40 | electrode near10 (low adj reflect\$8) and "349"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/03 12:03 |
| S6 | 91 | (electrode near10 (low adj reflect\$8)) and (liquid adj crystal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/03 12:40 |
| S7 | 1 | (electrode near10 (low adj reflect\$8)) and (liquid adj crystal) and CrOx | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/03 12:40 |
| S8 | 535 | 349/113 | USPAT | OR | OFF | 2005/09/15 11:51 |
| S9 | 649 | 349/110 | USPAT | OR | OFF | 2002/07/02 16:26 |
| S10 | 1008 | 349/42 | USPAT | OR | OFF | 2006/04/18 15:10 |
| S11 | 221 | 349/44 | USPAT | OR | OFF | 2002/07/02 16:26 |
| S12 | 0 | (349/113 and 349/110) and 349/44 | JPO | OR | OFF | 2002/07/02 16:34 |
| S13 | 0 | (349/113 and 349/110) and 349/42 | JPO | OR | OFF | 2002/07/02 16:34 |
| S14 | 0 | 349/113 and 349/110 | JPO | OR | OFF | 2002/07/02 16:34 |
| S15 | 16 | reflect\$4 same (((data adl line) and (gate adj line)) and (gate adj electrode)and source and drain) | USPAT | OR | OFF | 2005/05/05 14:30 |

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|-----|------|--|----------------------------|----|-----|------------------|
| S16 | 1 | reflect\$4 same (((data adl line) and (gate adj line)) and (gate adj electrode)and source and drain) | JPO | OR | OFF | 2002/07/02 21:25 |
| S17 | 12 | (349/113 and 349/110) and 349/44 | USPAT | OR | OFF | 2002/07/02 21:25 |
| S18 | 17 | (349/113 and 349/110) and 349/42 | USPAT | OR | OFF | 2002/07/02 21:36 |
| S19 | 47 | 349/113 and 349/110 | USPAT | OR | OFF | 2002/11/14 14:11 |
| S20 | 612 | reflect\$4 and (((data adl line) and (gate adj line)) and (gate adj electrode)and source and drain) | USPAT; JPO | OR | ON | 2002/11/14 11:02 |
| S21 | 132 | reflect\$4 and (((data adl line) and (gate adj line)) and (gate adj electrode)and source and drain) and (Pixel with (passivation or insulat\$4)) and (light adj shield\$4) | USPAT; JPO | OR | ON | 2004/12/07 14:52 |
| S22 | 61 | 349/113 and 349/110 | USPAT; JPO | OR | ON | 2005/05/05 16:07 |
| S23 | 271 | (low adj reflect\$4) near10 (gate or data or electrode) | US-PGPUB; USPAT; JPO | OR | ON | 2003/11/17 16:41 |
| S24 | 28 | (low adj reflect\$4) near10 (gate or data or electrode) and "349"/\$.ccls. | US-PGPUB; USPAT; JPO | OR | ON | 2003/11/17 15:17 |
| S25 | 54 | (low adj reflect\$4) near10 (gate or data or electrode) and (liquid adj crystal) | US-PGPUB; USPAT; JPO | OR | ON | 2004/12/07 15:12 |
| S26 | 5 | ("5185074" "5399449" "5527648" "6224735" "6255025").PN. | USPAT | OR | OFF | 2003/11/17 16:11 |
| S27 | 3486 | (low adj reflect\$4) and (gate or data or electrode) | US-PGPUB; USPAT; JPO | OR | ON | 2004/04/02 12:26 |
| S28 | 252 | (low adj reflect\$4) and (gate or data or electrode)and "349"/\$.ccls. | US-PGPUB; USPAT; JPO | OR | ON | 2003/11/17 16:42 |
| S29 | 89 | (low adj reflect\$4) and ((gate adj electrode) or (source adj electrode))and "349"/\$.ccls. | US-PGPUB; USPAT; JPO | OR | ON | 2003/11/17 16:44 |
| S30 | 9 | (low adj reflect\$4) same ((gate adj electrode) or (source adj electrode))and "349"/\$.ccls. | US-PGPUB; USPAT; JPO | OR | ON | 2003/11/17 16:44 |
| S31 | 9 | ((low adj reflect\$4) same ((gate adj electrode) or (source adj electrode)))and "349"/\$.ccls. | US-PGPUB; USPAT; JPO | OR | ON | 2004/04/02 11:37 |
| S32 | 0 | ((low adj reflect\$4) near ((gate adj electrode) or (source adj electrode)))and "349"/\$.ccls. | US-PGPUB; USPAT; JPO | OR | ON | 2004/04/02 11:38 |

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| S33 | 3 | ((low adj reflect\$4) near10 ((gate adj electrode) or (source adj electrode)))and "349"/\$.ccls. | US-PGPUB; USPAT; JPO | OR | ON | 2004/04/02 11:56 |
| S34 | 5 | ("5185074" "5399449" "5527648" "6224735" "6255025").PN. | USPAT | OR | OFF | 2004/04/02 12:04 |
| S35 | 90 | (low adj reflect\$4) and (gate or data or electrode) and ((free or no) near10 (bm or (black adj matrix) or (light adj shield\$4))) | US-PGPUB; USPAT; JPO | OR | ON | 2004/04/02 13:51 |
| S36 | 119 | (low adj reflect\$4) and (gate or data or electrode) and ((free or no or without) near10 (bm or (black adj matrix) or (light adj shield\$4))) | US-PGPUB; USPAT; JPO | OR | ON | 2004/04/02 13:57 |
| S37 | 77 | (low adj reflect\$4) and ((free or no or without) near10 (bm or (black adj matrix) or (light adj shield\$4))) and "349"/\$.ccls. | US-PGPUB; USPAT; JPO | OR | ON | 2005/09/15 11:52 |
| S38 | 116 | (low adj reflect\$4) and ((free or no or without) near10 (bm or (black adj matrix) or (light adj shield\$4))) and (liquid adj crystal) | US-PGPUB; USPAT; JPO | OR | ON | 2004/04/02 14:16 |
| S39 | 15 | ("4636038" "4943838" "5072262" "5229644" "5246782" "5294820" "5486493" "5585951" "5591676" "5641974" "5675187" "5721596" "5721601" "5780121" "5821621").PN. | USPAT | OR | OFF | 2004/09/02 15:47 |
| S40 | 1 | "6195140".pn. | USPAT | OR | OFF | 2004/09/03 09:51 |
| S45 | 85 | reflect\$4 and (((data adj line) and (gate adj line)) and (gate adj electrode)and source and drain) and (Pixel with (passivation or insulat\$4)) and (light adj shield\$4) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 14:53 |
| S46 | 150 | reflect\$4 and (((data adj line) and (gate adj line)) and (gate adj electrode)and source and drain) and (Pixel with (passivation or insulat\$4)) and ((light adj shield\$4) or bm or (black adj matrix)) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 14:56 |
| S47 | 26 | (low near10 reflect\$4) and (((data adj line) and (gate adj line)) and (gate adj electrode)and source and drain) and (Pixel with (passivation or insulat\$4)) and ((light adj shield\$4) or bm or (black adj matrix)) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 14:57 |

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| S48 | 89 | (low adj reflect\$4) near10 (gate or data or electrode) and (liquid adj crystal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 15:12 |
| S49 | 10039 | (low adj reflect\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/08 11:35 |
| S50 | 211 | (low adj reflect\$4) near10 electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/08 11:36 |
| S51 | 57 | reflectivity near10 (CrOx (chromium adj oxide)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/08 15:16 |
| S52 | 290 | reflect\$4 same (((data adl line) and (gate adj line)) and (gate adj electrode)and source and drain) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/05 15:52 |
| S53 | 11 | S52 and (low adj reflect\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/05 14:45 |
| S54 | 4 | "5905589".pn. "5062689".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/05 14:45 |
| S55 | 2 | (low adj reflect\$4) same (((data adl line) and (gate adj line)) and (gate adj electrode)and source and drain) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/05 15:53 |

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| S56 | 0 | (low adj reflect\$4) near10 (((data adl line) and (gate adj line)) and (gate adj electrode)and source and drain) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/05 15:54 |
| S57 | 12 | (low adj reflect\$4) same((gate adj electrode)and source and drain) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/05 15:54 |
| S58 | 79 | 349/113 and 349/44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/05 16:08 |
| S59 | 9 | 349/113 and 349/44 and (low adj reflect\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/05 16:09 |
| S60 | 11 | 349/113 and 349/110 and (low adj reflect\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/05 16:16 |
| S61 | 1699 | (liquid adj crystal) and (low adj reflect\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/05 16:17 |
| S62 | 882 | (liquid adj crystal) and (low adj reflect\$4) and (black shad44 shield44) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/05 16:33 |
| S63 | 82 | (liquid adj crystal) and ((low adj reflect\$4) near10 (electrode conduct\$4)) and (black shad44 shield44) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 11:53 |

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| S64 | 1724 | 349/113 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 11:51 |
| S65 | 1182 | 349/110 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 11:51 |
| S66 | 1526 | 349/42 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 11:51 |
| S67 | 515 | 349/44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 11:52 |
| S68 | 102 | (low adj reflect\$4) and ((free or no or without) near10 (bm or (black adj matrix) or (light adj shield\$4))) and "349"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 12:00 |
| S69 | 87 | (liquid adj crystal) and ((low adj reflect\$4) near10 (electrode conduct\$4)) and (black shad44 shield44) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 11:57 |
| S70 | 226 | (low adj reflect\$4) near10 electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 11:54 |
| S71 | 4 | (low adj reflect\$4) near10 electrode and 349/42 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 11:57 |

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| S72 | 4 | (low adj reflect\$4) near10 electrode and 349/44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 11:54 |
| S73 | 8 | (low adj reflect\$4) near10 electrode and 349/110 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 11:55 |
| S74 | 4 | (low adj reflect\$4) near10 electrode and 349/113 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 11:55 |
| S75 | 1636 | 349/42 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 15:11 |
| S76 | 32 | 349/42 and (no adj (black shield\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 17:12 |
| S77 | 0 | electrode and (no adj (black shield\$4)) and (liquid adj crystal) and (chrominum CrOx) and (low adj reflect\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 17:14 |
| S78 | 333 | electrode and (no adj (black shield\$4)) and (liquid adj crystal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 17:16 |
| S79 | 0 | (electrode near10 (Chrominum CrOx)) and (no adj (black shield\$4)) and (liquid adj crystal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 17:15 |

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| S80 | 0 | (electrode with (Chromium CrOx)) and (no adj (black shield\$4)) and (liquid adj crystal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 17:15 |
| S81 | 2 | (electrode and (Chromium CrOx)) and (no adj (black shield\$4)) and (liquid adj crystal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 17:49 |
| S82 | 113 | electrode and (no adj (black shield\$4)) and (liquid adj crystal) and @ad<"19990415" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 18:11 |
| S83 | 29 | (electrode near10 (low adj reflect\$4)) and (liquid adj crystal) and @ad<"19990415" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 17:34 |
| S84 | 0 | (electrode with (Chromium CrOx)) and (no adj (black shield\$4)) and (liquid adj crystal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 17:50 |
| S85 | 2 | (electrode and (Chromium CrOx)) and (no adj (black shield\$4)) and (liquid adj crystal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 17:51 |
| S86 | 22 | (electrode and (Chromium CrOx)) and (low adj reflect\$4) and (liquid adj crystal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 17:51 |
| S87 | 40 | electrode and (chrominum CrOx) and (liquid adj crystal) and @ad<"19990415" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/18 18:12 |